Contents of Applied Physics A 67

Abe K → Ohshima T
Agui A → Eisebitt S
Aguiar R → Trtík V
Ahmad AA → McIlroy DN
Alieva EV → Zhizhin GN
von Alvensleben F → Momma C
Amelinckx S → Bernaerts D
Ando Y → Bandow S
Andrä G, Falk F, Mühlig C, Kalbáç A, Çerný R: Modeling the preparation of pc-Si thin films with a Cu vapor laser 513
Antonov R → Lefebvre J
Aoki Y → Ohshima T
Arimondo E, Calderazzo F, Fuso F, Toffi C: Laser vaporization of carbon in the presence of carbon dioxide. Erratum to Appl. Phys A 66, 407–411 (1998) 379
Artmann H → Brendel R
Asaka S → Bandow S
Aulombard RL → Mikulskas I
Averkamp P → Feulner P

B.Nagy J → Fonseca A
Bando Y → Stéphan O
Bandow S, Asaka S, Zhao X, Ando Y: Purification and magnetic properties of carbon nanotubes 23
Bao XM → Ye YH
Baran M, Szymczak H, Szymczak R, Barilo SN, Gatalskaya VI, Shirayev SV: Growth-induced anisotropy in $Ba_{0.6}K_{0.4}BiO_3$ superconducting single crystal 413
Barboux P → Morcrette M
Barilo SN → Baran M
Bauer G → Senz S
Bäuerle D → Pedarnig JD
Baur C → Resch R
Bean JC → Teichert C
Beke DL → Imre A
Bergmann HW → Körner C
Bernaerts D → Fonseca A
Bernaerts D, Amelinckx S, Lambin Ph, Lucas AA: The diffraction space of circular and polygonized multishell nanotubules 53
Bernholc J, Brabec C, Buongiorno Nardelli M, Maiti A, Roland C, Yakobson BI: Theory of growth and mechanical properties of nanotubes 39
Bernier P → Journet C
Bhoga SS → Singh K
Bimberg D → Shchukin VA
Biro LP → Fonseca A
Boilot JP → Morcrette M
Bonard JM → Ugarte D
Boneberg J, Münzer H-J, Tresp M, Ochmann M, Leiderer P: The mechanism of nanostructuring upon nanosecond laser irradiation of a STM tip 381
Bot A → Turcu R
Botti S, Celeste A: Light scattering diagnostics of silicon particle growth in CO_2 laser-driven reactions 421
Boul PJ → Rinzler AG
Bower C, Suzuki S, Tanigaki K, Zhou O: Synthesis and structure of pristine and alkali-metal-intercalated single-walled carbon nanotubes 47
Bozhko AD, Sklovsky DE, Nalimova VA, Rinzler AG, Smalley RE, Fischer JE: Resistance vs. pressure of single-wall carbon nanotubes 75
Brabec C → Bernholc J
Braginsky MV → Glazov MV
Brendel R, Artmann H, Oelting S, Frey W, Werner JH, Queisser HJ: Monocrystalline Si waffles for thin solar cells fabricated by the novel perforated-silicon process 151
Brie M → Turcu R
Brousse T → Morcrette M
Bugacov A → Resch R
Buongiorno Nardelli M → Bernholc J
Burghard M → Duesberg GS
Burghard M, Philipp G, Roth S, von Klitzing K: Bridging of lateral nanoelectrodes with a metal particle chain 591

Calderazzo F → Arimondo E
Carroll SJ, Palmer RE, Mulheran PA, Hobday S, Smith R: Deposition and diffusion of size-selected (Ag_{400}^{+}) clusters on a stepped graphite surface 613
Carstensen J, Prange R, Popkirov GS, Föll H: A model for current oscillations in the Si-HF system based on a quantitative analysis of current transients 459
Cavouras D → Kandarakis I
Celeste A → Botti S
Çerný R → Andrä G
Chang CS → Hor YS
Charlier J-C, Issi J-P: Electronic structure and quantum transport in carbon nanotubes 79
Châtelain A → Ugarte D
Chattopadhyay P, Pal J: An improved theoretical model of the dc characteristics of metal-semiconductor field effect transistors 563
Chatzitheodoridis E → Xirouchaki C
Chen F → Chen ZZ
Chen LF → Ye YH
Chen P → Chen ZZ
Chen SC → Wang PN
Chen XY → Xiong SB
Chen XY, Wu ZC, Liu ZG, Lei XY, Sha ZS: A study of dynamics and chemical reactions in laser-ablated $PbTiO_3$ plume by optical-wavelength-sensitive CCD photography 331
Chen ZZ, Shen B, Zhang XY, Zhang R, Chen P, Zhou YG, Zang L, Jiang RL, Huang ZC, Zheng YD, Wu ZS, Sun XT, Chen F: Study of transient photoconductivity of GaN epilayer grown by metalorganic chemical vapor deposition 567
Cheng N-F → Swiech W
Cheung NH → Wang PN
Chu C-H → Lee M-K
Cloitre T → Mikulskas I
Colbert DT → Rinzler AG
Colomer J-F → Fonseca A
Congiu-Castellano A → Girasole M
Cricenti A → Girasole M

Dai H → Rinzler AG
Däweritz L → Niu ZC
de Heer WA → Ugarte D
De Marchi G → Miotello A
D'Haen J → Dimitrov VI
Dimitrov VI, Knuyt G, Stals LM, D'Haen J, Quaeyhaegens C: Generalized Wagner's diffusion model of surface modification of materials by plasma diffusion treatment 183
Doome R → Fonseca A
Dowben PA → McIlroy DN
Duesberg GS, Muster J, Krstic V, Burghard M, Roth S: Chromatographic size separation of single-wall carbon nanotubes 117

Ealet B → Imre A
Eberhardt W → Eisebitt S
Efimenko K, Rybka V, Švorčík V, Hnatowicz V: Electrical properties of Au–polystyrene–Au submicron structures 503
Eisebitt S, Karl A, Eberhardt W, Fischer JE, Sathe C, Agui A, Nordgren J: Electronic structure of single-wall carbon nanotubes studied by resonant inelastic X-ray scattering 89
Eklund PC → Rinzler AG

Falk F → Andrä G
Falk F, Mollekopf G, Stafast H: CO_2 laser CVD of a-Si:H: in situ gas analysis and model calculations 507
Fan XJ → Fu DJ
Fecher GH → Swiech W
Fernández Navarro JM → Paje SE
Ferrater C → Trtík V
Feuerhake M, Klein-Wiele J-H, Marowsky G, Simon P: Dynamic ablation studies of sub-micron gratings on metals with sub-picosecond time resolution 603

Feulner P, Averkamp P, Kassühlke B: Spectroscopy of near-threshold electrons from surfaces 657
Fischer JE → Rinzler AG, → Bozhko AD, → Eisebitt S
Fogarassy E → Prevot B
Föll H → Carstensen J
Fonseca A, Hernadi K, Piedigrosso P, Colomer J-F, Mukhopadhyay K, Doome R, Lazarescu S, Biro LP, Lambin Ph, Thiry PA, Bernaerts D, B.Nagy J: Synthesis of single- and multi-wall carbon nanotubes over supported catalysts 11
Forró L → Jantoljak H
Frey W → Brendel R
Fricke J → Niu ZC
Fu DJ, Lei YY, Li JC, Ye MS, Guo HX, Peng YG, Fan XJ: Doping and photoelectric properties of C_{60} films prepared by ionized cluster beam deposition 441
Fuchigami H, Nakao Y, Tanimura S, Uehara Y, Kurata T, Tsunoda S, Niino H, Yabe A: Organic molecular beam deposition combined with a laser-induced chemical reaction 277
Fuchs C → Prevot B
Fuhr G, Schnelle Th, Müller T, Hitzler H, Monajembashi S, Greulich K-O: Force measurements of optical tweezers in electro-optical cages 385
Fuso F → Arimondo E

Gao J → Hou QR, → Hou QR
Gao PJ → Zhang YZ
Gao RW, Zhang DH, Li H, Zhang JC: Effects of the degree of grain alignment on the hard magnetic properties of sintered NdFeB magnets 353
García MA → Paje SE
Garrido F → Thomé L
Gatalskaya VI → Baran M
Generosi R → Girasole M
Girasole M, Cricenti A, Generosi R, Congiu-Castellano A, Pozzi D, Pasquali E, Lisi A, Santoro N, Grimaldi S: Atomic force microscopy study of lymphoblastoid cells under 50-Hz 2-mT magnetic field irradiation 219
Glazov MV, Braginsky MV, Lalli LA, Richmond O: On the derivation and analysis of the "machine equation" in finite deformations 571
Gontier-Moya E → Imre A
González-Leal JM → Márquez E
Gopinath P → Issac RC
Gösele U → Senz S
Göttlich H → Pedarnig JD
Greber T: Probing harpooning and dissociation in gas–surface reactions by exoemission 701
Greulich K-O → Fuhr G
Grigoropoulos CP → Kim D
Grimaldi S → Girasole M
Grobert N, Terrones M, Osborne AJ, Terrones H, Hsu WK, Trasobares S, Zhu YQ, Hare JP, Kroto HW, Walton DRM: Thermolysis of C_{60} thin films yields Ni-filled tapered nanotubes 595
Gross A: Hydrogen dissociation on metal surfaces – a model system for reactions on surfaces 627
Guo HX → Fu DJ
Guo XL → Xiong SB
Gusso M → Thomé L
Gutiérrez-Llorente A → Morcrette M

Haage T → Zegenhagen J
Habermeier H-U → Roch T
Hamaguchi K → Saito Y
Hamoudi A, Sogawa T, Saitoh T, Yumoto J: Reflection high-energy electron diffraction real-time monitoring of an etch process implemented in molecular beam epitaxy technology: hydrogen chloride versus GaAs(001) epilayers 357
Hare JP → Grobert N
Harilal SS → Issac RC
Heckl WM → Pedarnig JD
de Heer WA → Ugarte D
Heiz U: Size-selected, supported clusters: the interaction of carbon monoxide with nickel clusters 621
von Helden G, Holleman I, Putter M, Meijer G: Photochemistry of solid C_{60} with tunable infrared radiation 161
Hellenbart Á → Siebert P
Henck R → Prevot B
Hernadi K → Fonseca A
Heymann D → Rinzler AG
Hitzler H → Fuhr G
Hnatowicz V → Efimenko K
Hobday S → Carroll SJ
Hoekstra R → Morgenstern R
Holleman I → von Helden G
Hönerlage B → Mikulskas I
Hor YS, Chang CS, Lue JT: Ellipsometry study of thin metallic films under constraint by the size effect 531
Hou QR, Gao J, Li SJ: Adherent SiC coatings on Ni-Cr alloys with a composition-graded intermediate layer 367
Hou QR, Gao J: Influence of a magnetic field on deposition of diamond-like carbon films 417
Hsu WK → Grobert N
Huang ZC → Chen ZZ
Huffman CB → Rinzler AG
Huth M → Swiech W
Hwang S-D → McIlroy DN
Hwu Y → Swiech W
Ianno NJ → McIlroy DN
Ihlemann J → Kunz Th
Ikazaki F → Saito Y
Im JS → Sposili RS
Imre A, Gontier-Moya E, Beke DL, Ealet B: Auger electron spectroscopy of the kinetics of evaporation of palladium beaded films from sapphire substrate 469
Issac RC, Varier GK, Gopinath P, Harilal SS, Nampoori VPN, Vallabhan CPG: Prompt electron emission and collisional ionization of ambient gas during pulsed laser ablation of silver 557
Issi J-P → Charlier J-C
Itoh H → Kawasuso A, → Ohshima T

Jahn U → Niu ZC
Jantoljak H, Salvetat J-P, Forró L, Thomsen C: Low-energy Raman-active phonons of multiwalled carbon nanotubes 113
Je JH → Noh DY
Jevtić M → Şćepanović M
Jiang HX → McIlroy DN
Jiang Q → Zegenhagen J
Jiang RL → Chen ZZ
Jin YS → Xiong SB
Johnson AT → Lefebvre J
Journet C, Bernier P: Production of carbon nanotubes 1

Kalbáç A → Andrä G
Kamins TI, Medeiros-Ribeiro G, Ohlberg DAA, Williams RS: Dome-to-pyramid transition induced by alloying of Ge islands on Si(001) 727
Kamlage G → Momma C
Kandarakis I, Cavouras D, Prassopoulos P, Kanellopoulos E, Nomicos CD, Panayiotakis GS: Evaluating Zn_2SiO_4:Mn phosphor for use in medical imaging radiation detectors 521
Kanellopoulos E → Kandarakis I
Kang HC → Noh DY
Karl A → Eisebitt S
Kassühlke B → Feulner P
Kasuya A → Saito Y
Kawasuso A, Itoh H, Morishita N, Yoshikawa M, Ohshima T, Nashiyama I, Okada S, Okumura H, Yoshida S: Silicon vacancies in 3C-SiC observed by positron lifetime and electron spin resonance 209
Kessler B: Phthalocyanine-C_{60} composites as improved photoreceptor materials? 125
Khemliche H → Morgenstern R
Kim D → Viswanath AK
Kim D, Ye M, Grigoropoulos CP: Pulsed laser-induced ablation of absorbing liquids and acoustic-transient generation 169

Kim HK → Noh DY
Kiriakidis G → Xirouchaki C
Klein-Wiele J-H → Feuerhake M
von Klitzing K → Burghard M
Knuyt G → Dimitrov VI
Koel BE → Resch R
Kokai F, Niino H, Yabe A: Laser ablation of polysulfone films: a laser ionization TOF mass spectrometric study 607
Körner C, Bergmann HW: The physical defects of the hyperbolic heat conduction equation 397
Kroto HW → Grobert N
Krstic V → Duesberg GS
Kukreja LM → Roy UN
Kunz Th, Stebani J, Ihlemann J, Wokaun A: Photoablation and microstructuring of polyestercarbonates and their blends with a XeCl excimer laser 347
Kurata T → Fuchigami H
Kuzik LA → Zhizhin GN

Lagally MG → Teichert C
Lalli LA → Glazov MV
Lambin Ph → Fonseca A, → Bernaerts D
Laurent A → Morcrette M
Lazarescu S → Fonseca A
Lee CR → Viswanath AK
Lee JI → Viswanath AK
Lee M-K, Tseng Y-C, Chu C-H: A high-gain porous silicon metal–semiconductor–metal photodetector through rapid thermal oxidation and rapid thermal annealing 541
Lee RS → Rinzler AG
Leem JY → Viswanath AK
Lefebvre J, Antonov R, Johnson AT: STM morphology study of ropes of single-wall carbon nanotubes 71
Lei XY → Chen XY
Lei YY → Fu DJ
Leibold B → Roch T
Leiderer P → Boneberg J
Leising G → Turcu R
Li H → Gao RW
Li JC → Fu DJ
Li JZ → McIlroy DN
Li SJ → Hou QR
Liang JH: Analysis of depth profiles of implanted lead ions in silicon 361
Lin C-K → Swiech W
Lin CY → Xiong SB
Lin JY → McIlroy DN
Lisi A → Girasole M
Liu J → Rinzler AG, → Zhang YZ
Liu J-M, Ong CK: Pulsed laser deposition of ZnO as conductive buffer layer of (001)-$LiNbO_3$ thin films 493
Liu Z-J → Wan Y-Z
Liu ZG → Xiong SB, → Chen XY
Llopis J → Paje SE
Loiseau A → Stéphan O
Lu AH → Rinzler AG
Lu CJ, Shen HM, Wang YN: Preparation and crystallization of $Pb(Zr_{0.95}Ti_{0.05})O_3$ thin films deposited by radio-frequency magnetron sputtering with a stoichiometric ceramic target 253
Lucas AA → Bernaerts D
Lue JT → Hor YS
Luterova K → Mikulskas I

Ma LP → Zhang YZ
Madhukar A → Resch R
Maiti A → Bernholc J
Mallik K → Roy UN
Maniette Y → Trtík V
De Marchi G → Miotello A
Marowsky G → Feuerhake M
Márquez E, González-Leal JM, Prieto-Alcón R, Vlcek M, Stronski A, Wagner T, Minkov D: Optical characterization of thermally evaporated thin films of $As_{40}S_{40}Se_{20}$ chalcogenide glass by reflectance measurements 371
Mattei G → Miotello A
Maxwell JL, Pegna J, Messia DV: Real-time volumetric growth rate measurements and feedback control of three-dimensional laser chemical vapor deposition 323
Mazzoldi P → Miotello A
McIlroy DN, Hwang S-D, Yang K, Remmes N, Dowben PA, Ahmad AA, Ianno NJ, Li JZ, Lin JY, Jiang HX: The incorporation of Nickel and Phosphorus dopants into Boron-Carbon alloy thin films 335
Medeiros-Ribeiro G → Kamins TI
van der Meer AFG → Zhizhin GN
Meijer G → von Helden G
Messia DV → Maxwell JL
Meyerheim HL, Moritz W: Structure and dynamics of clean and adsorbate-covered crystal surfaces studied by surface X-ray diffraction 645
Midorikawa K → Zhang J, → Zhang J
Mihut A → Turcu R
Mikulskas I, Luterova K, Tomasiunas R, Hönerlage B, Cloitre T, Aulombard RL: Light amplification due to free and localized exciton states in ZnCdSe GRINSCH structures 121
Minkov D → Márquez E
Mintmire JW, White CT: First-principles band structures of armchair nanotubes 65
Miotello A, De Marchi G, Mattei G, Mazzoldi P: Ionic transport model for hydrogen permeation inducing silver nanocluster formation in silver–sodium exchanged glasses 527
Mollekopf G → Falk F
Momma C, Nolte S, Kamlage G, von Alvensleben F, Tünnermann A: Beam delivery of femtosecond laser radiation by diffractive optical elements 517
Monajembashi S → Fuhr G
Morcrette M, Gutiérrez-Llorente A, Laurent A, Perrière J, Barboux P, Boilot JP, Raymond O, Brousse T: Growth by laser ablation of Ti-based oxide films with different valency states 425
Morenza JL → Serra P
Morgen P → Xirouchaki C
Morgenstern R, Khemliche H, Hoekstra R: Formation of hollow atoms at metal- and insulator surfaces 705
Morishita N → Kawasuso A
Moritz W → Meyerheim HL
Moschovis K → Xirouchaki C
Mühlig C → Andrä G
Mukhopadhyay K → Fonseca A
Mulheran PA → Carroll SJ
Müller J → Siebert P
Müller T → Fuhr G
Münzer H-J → Boneberg J
Muster J → Duesberg GS

Nakao Y → Fuchigami H
Nalimova VA → Bozhko AD
Nampoori VPN → Issac RC
Nashiyama I → Kawasuso A, → Ohshima T
Niino H → Fuchigami H, → Kokai F
Niko A → Turcu R
Nikolaev P → Rinzler AG
Nishi H: Sulfur diffusion into $GaAs/Ga_{0.7}Al_{0.3}As$ heterostructures for device applications 579
Nishina Y → Saito Y
Niu ZC, Nötzel R, Jahn U, Ramsteiner M, Schönherr H-P, Fricke J, Xiao ZB, Däweritz L, Ploog KH: Lateral variation of quantum-well confinement energy in triangular-shaped dot-like structures grown by molecular beam epitaxy on patterned GaAs (311)A substrates 135
Noh DY, Kang HC, Seong TY, Je JH, Kim HK: Tetragonal distortion and the domain structure of thin $Pb(Zr, Ti)O_3/MgO(100)$ films 343
Nolte S → Momma C
Nomicos CD → Kandarakis I
Nordgren J → Eisebitt S
Nötzel R → Niu ZC

Ochmann M → Boneberg J
Oelting S → Brendel R
Ogawa H, Okuda R, Shirota Y: Tuning of the emission color of organic electroluminescent devices by exciplex formation at the organic solid interface 599
Ohlberg DAA → Kamins TI
Ohshima T → Kawasuso A
Ohshima T, Uedono A, Abe K, Itoh H, Aoki Y, Yoshikawa M, Tanigawa S, Nashiyama I: Characterization of

vacancy-type defects and phosphorus donors introduced in 6H-SiC by ion implantation 407
Okada S → Kawasuso A
Okuda R → Ogawa H
Okumura H → Kawasuso A
Ong CK → Liu J-M
Osborne AJ → Grobert N
Outkina EA → Vorobyova AI

Paje SE, Llopis J, Villegas MA, García MA, Fernández Navarro JM: Thermal effects on optical properties of silver ruby glass 429
Pal J → Chattopadhyay P
Palmer RE → Carroll SJ
Pan Q → Wang PN
Panayiotakis GS → Kandarakis I
Pang SJ → Zhang YZ
Pantelis DI, Vonatsos KN: Development and experimental validation of analytical thermal models for the evaluation of the depth of laser-treated zones 435
Pasquali E → Girasole M
Pedarnig JD, Göttlich H, Rössler R, Heckl WM, Bäuerle D: Patterning of $YBa_2Cu_3O_{7-\delta}$ films using a near-field optical configuration 403
Pegna J → Maxwell JL
Peng YG → Fu DJ
Perrière J → Morcrette M
Petzold G → Siebert P
Philipp G → Burghard M
Piedigrosso P → Fonseca A
Ploog KH → Niu ZC
Plössl A → Senz S
Popkirov GS → Carstensen J
Pozzi D → Girasole M
Prange R → Carstensen J
Prassopoulos P → Kandarakis I
Praus R → Roch T
Prevot B, Fuchs C, Henck R, Fogarassy E: Raman investigation of submicro-grained Si films obtained by incoherent UV photo-CVD of silicon hydrides 139
Prieto-Alcón R → Márquez E
Putter M → von Helden G

Quaeyhaegens C → Dimitrov VI
Quaranta A → Thomé L
Queisser HJ → Brendel R

Ramsteiner M → Niu ZC
Rao AM → Rinzler AG
Raymond O → Morcrette M
Razavi FS → Roch T
Razumova MA → Suprun AD
Remmes N → McIlroy DN
Requicha AAG → Resch R
Resch R, Bugacov A, Baur C, Koel BE, Madhukar A, Requicha AAG, Will P: Manipulation of nanoparticles using dynamic force microscopy: simulation and experiments 265
Richmond O → Glazov MV
Rinzler AG → Bozhko AD
Rinzler AG, Liu J, Dai H, Nikolaev P, Huffman CB, Rodríguez-Macías FJ, Boul PJ, Lu AH, Heymann D, Colbert DT, Lee RS, Fischer JE, Rao AM, Eklund PC, Smalley RE: Large-scale purification of single-wall carbon nanotubes: process, product, and characterization 29
Rizza G → Thomé L
Roch T, Yaghoubzadeh S, Razavi FS, Leibold B, Praus R, Habermeier H-U: Colossal pressure-induced negative resistance change in $La_{2/3}Ca_{1/3}MnO_3$ thin films 723
Rodríguez-Macías FJ → Rinzler AG
Roland C → Bernholc J
Rössler R → Pedarnig JD
Roth S → Duesberg GS, → Burghard M
Roy UN, Mallik K, Kukreja LM: Reflectivity of cadmium sulphide nanocrystal films grown by the Langmuir–Blodgett technique 259
Rybka V → Efimenko K

Saito Y, Hamaguchi K, Uemura S, Uchida K, Tasaka Y, Ikazaki F, Yumura M, Kasuya A, Nishina Y: Field emission from multi-walled carbon nanotubes and its application to electron tubes 95
Saitoh T → Hamoudi A
Salvetat J-P → Jantoljak H
Sánchez F → Trtík V
Santoro N → Girasole M
Sathe C → Eisebitt S
Sato T → Stéphan O
Şćepanović M, Jevtić M: Resonant Raman studies of surface composition and structural ordering in laser-irradiated $Hg_{1-x}Cd_xTe$ 317
Schmidt O → Swiech W
Schnelle Th → Fuhr G
Schönherr H-P → Niu ZC
Semenov AA, Woo CH: Stochastic effects on dislocation structure development under cascade-damage irradiation 193
Senz S, Plössl A , Gösele U, Zerlauth S, Stangl J, Bauer G: Growth of partially strain-relaxed $Si_{1-y}C_y$ epilayers on (100)Si 147
Seong TY → Noh DY
Serra P, Morenza JL: Analysis of hydroxyapatite laser ablation plumes in a water atmosphere 289
Sha ZS → Chen XY
Shafeev GA: Laser-assisted activation of dielectrics for electroless metal plating 303
Shchukin VA, Bimberg D: Strain-driven self-organization of nanostructures on semiconductor surfaces 687
Shen B → Chen ZZ
Shen HM → Lu CJ
Shi DX → Zhang YZ
Shi FG, Zhao B: Modeling of chemical-mechanical polishing with soft pads 249
Shirayev SV → Baran M
Shirota Y → Ogawa H
Shkrabo DM → Zhizhin GN
Shramchenko N → Stéphan O
Siebert P, Petzold G, Hellenbart Á, Müller J: Surface microstructure/miniature mass spectrometer:.processing and applications 155
Simon P → Feuerhake M
Singh K, Bhoga SS: The ion conduction mechanism of isovalent cation-doped Li_2SO_4 475
Sklovsky DE → Bozhko AD
Smalley RE → Rinzler AG, → Bozhko AD
Smith R → Carroll SJ
Sogawa T → Hamoudi A
Sokol VA → Vorobyova AI
Spence DJ, Tear SP: STM studies of the Ge(111)4×4Ag reconstruction 585
Sposili RS, Im JS: Line-scan sequential lateral solidification of Si thin films 273
Stafast H → Falk F
Stals LM → Dimitrov VI
Stangl J → Senz S
Stebani J → Kunz Th
Stéphan O, Bando Y, Loiseau A, Willaime F, Shramchenko N, Tamiya T, Sato T: Formation of small single-layer and nested BN cages under electron irradiation of nanotubes and bulk material 107
Stöckli T → Ugarte D
Stronski A → Márquez E
Stuke M → Zergioti I
Sugioka K → Zhang J, → Zhang J
Sun XT → Chen ZZ
Suprun AD, Razumova MA: Long-term existence of a solid surface under temperature above melting point. Is it possible? 237
Suzuki S → Bower C
Şvorçík V → Efimenko K
Swiech W, Fecher GH, Huth M, Schmidt O, Cheng N-F, Lin C-K, Tung C-Y, Hwu Y: Characterisation of structured thin films made from complex materials by photoabsorption spectromicroscopy 447
Szymczak H → Baran M
Szymczak R → Baran M

Tamiya T → Stéphan O
Tan XL → Ye YH
Tanigaki K → Bower C
Tanigawa S → Ohshima T
Tanimura S → Fuchigami H
Tapfer L → Thomé L

Tasaka Y → Saito Y
Tear SP → Spence DJ
Teichert C, Bean JC, Lagally MG: Self-organized nanostructures in Si$_{1-x}$Ge$_x$ films on Si(001) 675
Terrones H → Grobert N
Terrones M → Grobert N
Thiry PA → Fonseca A
Thomé L, Rizza G, Garrido F, Gusso M, Tapfer L, Quaranta A: Formation of metallic nanophases in silica by ion beam mixing. Part II: cluster formation 241
Thomsen C → Jantoljak H
Toffi C → Arimondo E
Tomasiunas R → Mikulskas I
Tosa V → Turcu R
Trasobares S → Grobert N
Tresp M → Boneberg J
Trtík V, Sánchez F, Aguiar R, Maniette Y, Ferrater C, Varela M: Room-temperature epitaxial growth of CeO$_2$(001) films on YSZ buffered Si(001) substrates 455
Tseng Y-C → Lee M-K
Tsunoda S → Fuchigami H
Tung C-Y → Swiech W
Tünnermann A → Momma C
Turcu R, Brie M, Leising G, Tosa V, Mihut A, Niko A, Bot A: FTIR reflectance studies of electrochemically prepared polypyrrole films 283

Uchida K → Saito Y
Uedono A → Ohshima T
Uehara Y → Fuchigami H
Uemura S → Saito Y
Ugarte D, Stöckli T, Bonard JM, Châtelain A, de Heer WA: Filling carbon nanotubes 101

Vallabhan CPG → Issac RC
van der Meer AFG → Zhizhin GN
van der Wiel MJ → Zhizhin GN
Varela M → Trtík V
Varier GK → Issac RC
Villegas MA → Paje SE
Viswanath AK, Lee JI, Lee CR, Leem JY, Kim D: Optical properties of residual shallow donors in GaN epitaxial layers grown by horizontal LP-MOCVD 551
Vlcek M → Márquez E
von Alvensleben F → Momma C
von Helden G, Holleman I, Putter M, Meijer G: Photochemistry of solid C$_{60}$ with tunable infrared radiation 161
von Klitzing K → Burghard M
Vonatsos KN → Pantelis DI
Vorobyova AI, Sokol VA, Outkina EA: SEM investigation of pillared microstructures formed by electrochemical anodization 487

Wagner T → Márquez E
Walton DRM → Grobert N
Wan Y-Z, Zhang DW, Liu Z-J, Wang J-T: Effects of temperature and pressure on CVD diamond growth from the C-H-O system 225
Wang J-T → Wan Y-Z
Wang PN, Pan Q, Cheung NH, Chen SC: Pulsed-discharge-aided laser ablation synthesis of nanoscale aluminum nitride powders 233
Wang YN → Lu CJ
Werner JH → Brendel R
White CT → Mintmire JW
van der Wiel MJ → Zhizhin GN
Will P → Resch R
Willaime F → Stéphan O
Williams RS → Kamins TI
Winkler A: Interaction of atomic hydrogen with metal surfaces 637
Wokaun A → Kunz Th
Woo CH → Semenov AA
Wu ZC → Chen XY
Wu ZS → Chen ZZ

Xiao ZB → Niu ZC
Xiong SB, Ye ZM, Chen XY, Guo XL, Zhu SN, Liu ZG, Lin CY, Jin YS: Ferroelectric Sr$_x$Ba$_{1-x}$Nb$_2$O$_6$ optical waveguiding thin films on SiO$_2$-coated Si(100) substrates 313
Xirouchaki C, Moschovis K, Chatzitheodoridis E, Kiriakidis G, Morgen P: Chemical characterization of as-deposited microcrystalline indium oxide films prepared by reactive dc magnetron sputtering 295

Yabe A → Fuchigami H, → Kokai F
Yaghoubzadeh S → Roch T
Yakobson BI → Bernholc J
Yakovlev VA → Zhizhin GN
Yang K → McIlroy DN
Ye M → Kim D
Ye MS → Fu DJ
Ye YH, Zhang JY, Bao XM, Tan XL, Chen LF: Visible photoluminescence from Ge$^+$-implanted SiO$_2$ films thermally grown on crystalline Si 213
Ye ZM → Xiong SB
Yoshida S → Kawasuso A
Yoshikawa M → Kawasuso A, → Ohshima T
Yumoto J → Hamoudi A
Yumura M → Saito Y

Zang L → Chen ZZ
Zegenhagen J, Haage T, Jiang Q: Microscopic structure and structuring of perovskite surfaces and interfaces: SrTiO$_3$, RBa$_2$Cu$_3$O$_{7-\delta}$ 711
Zergioti I, Stuke M: Short pulse UV laser ablation of solid and liquid gallium 391
Zerlauth S → Senz S
Zhang DH → Gao RW
Zhang DW → Wan Y-Z
Zhang J, Sugioka K, Midorikawa K: High-speed machining of glass materials by laser-induced plasma-assisted ablation using a 532-nm laser 499
Zhang J, Sugioka K, Midorikawa K: Laser-induced plasma-assisted ablation of fused quartz using the fourth harmonic of a Nd$^+$:YAG laser 545
Zhang JC → Gao RW
Zhang JY → Ye YH
Zhang R → Chen ZZ
Zhang XY → Chen ZZ
Zhang YZ, Liu J, Gao PJ, Ma LP, Shi DX, Pang SJ: Structure investigation of Cellobiohydrolase I from Trichoderma pseudokoningii S38 with a scanning tunneling microscope 483
Zhao B → Shi FG
Zhao X → Bandow S
Zheng YD → Chen ZZ
Zhizhin GN, Alieva EV, Kuzik LA, Yakovlev VA, Shkrabo DM, van der Meer AFG, van der Wiel MJ: Free-electron laser for infrared SEW characterization surfaces of conducting and dielectric solids and nm films on them 667
Zhou O → Bower C
Zhou YG → Chen ZZ
Zhu SN → Xiong SB
Zhu YQ → Grobert N

Indexed in *Current Contents*
Evaluated and abstracted for PHYS on STN